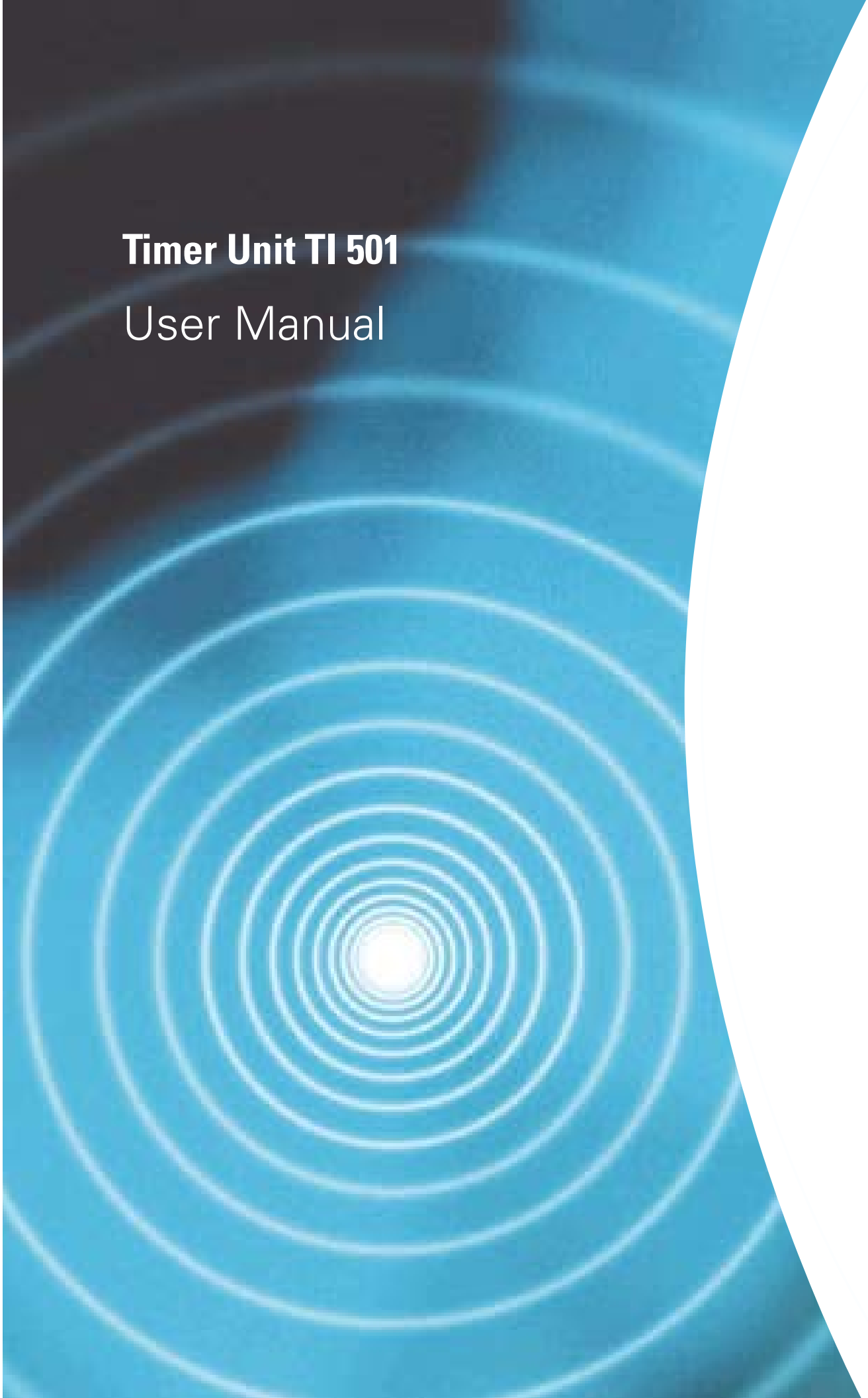
Timer Unit TI 501

User Manual



Kockum Sonics

User manual

Timer Unit TI 501

Ref. no. 245.80.122

Issue: KSA685EN/0720

Dear Customer

Thank you for the confidence you have displayed, in purchasing a warning devices, consisting of a TYFON® Siren and TI Timer Unit.

Installation and commissioning should be done by people with appropriate training and professional skill. Please read the installation manual carefully beforehand.

It is also important to read the manual, since incorrect operation can damage the installation.

Please contact us if you have any questions.

Yours Faithfully

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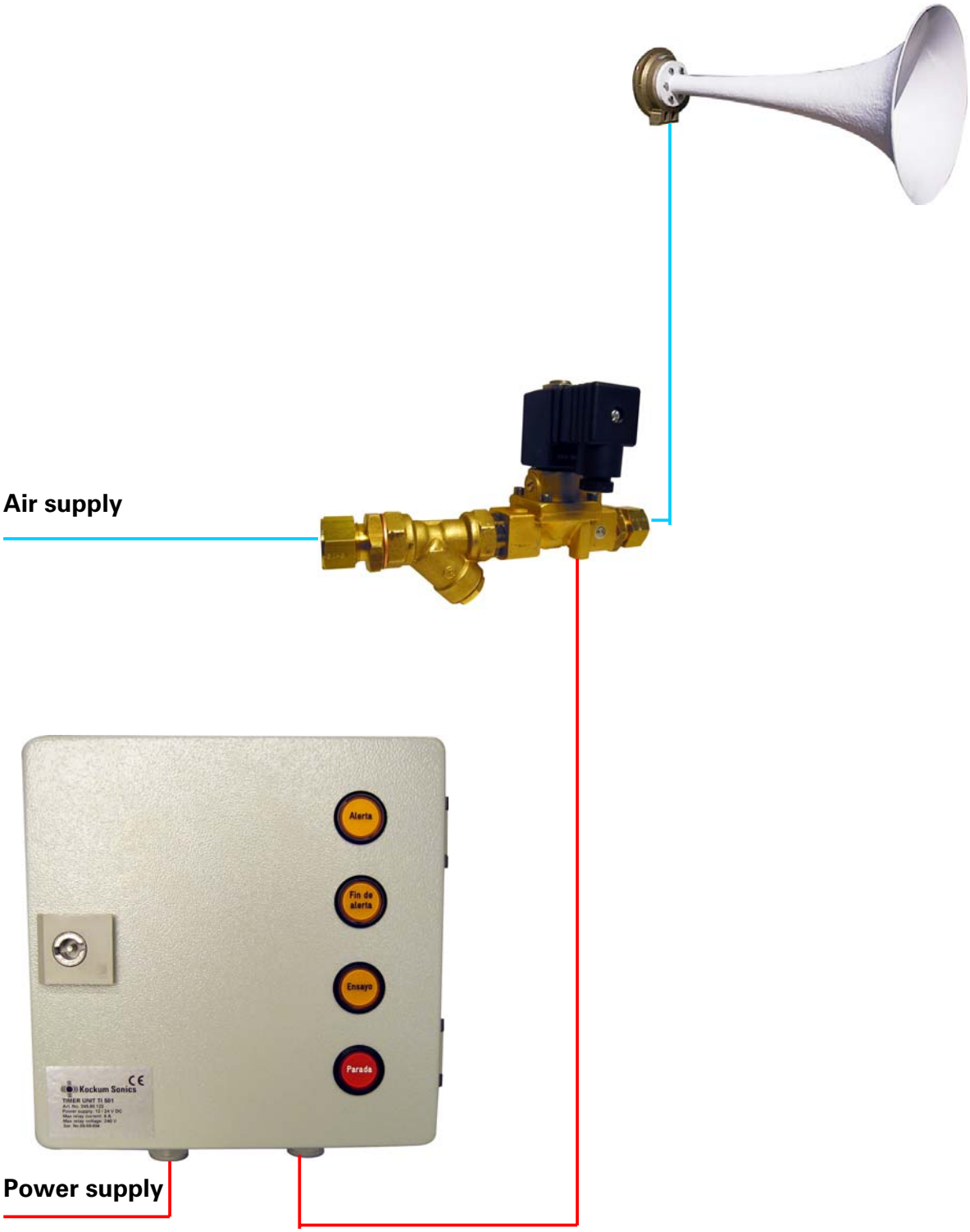
Introduction

The Timer Unit TI 501 is programmed for different alarms sequences which are transmitted to the magnetic valve which controls the air flow to the sound emitter (TYFON). The alarm characters are permanently stored in the unit.



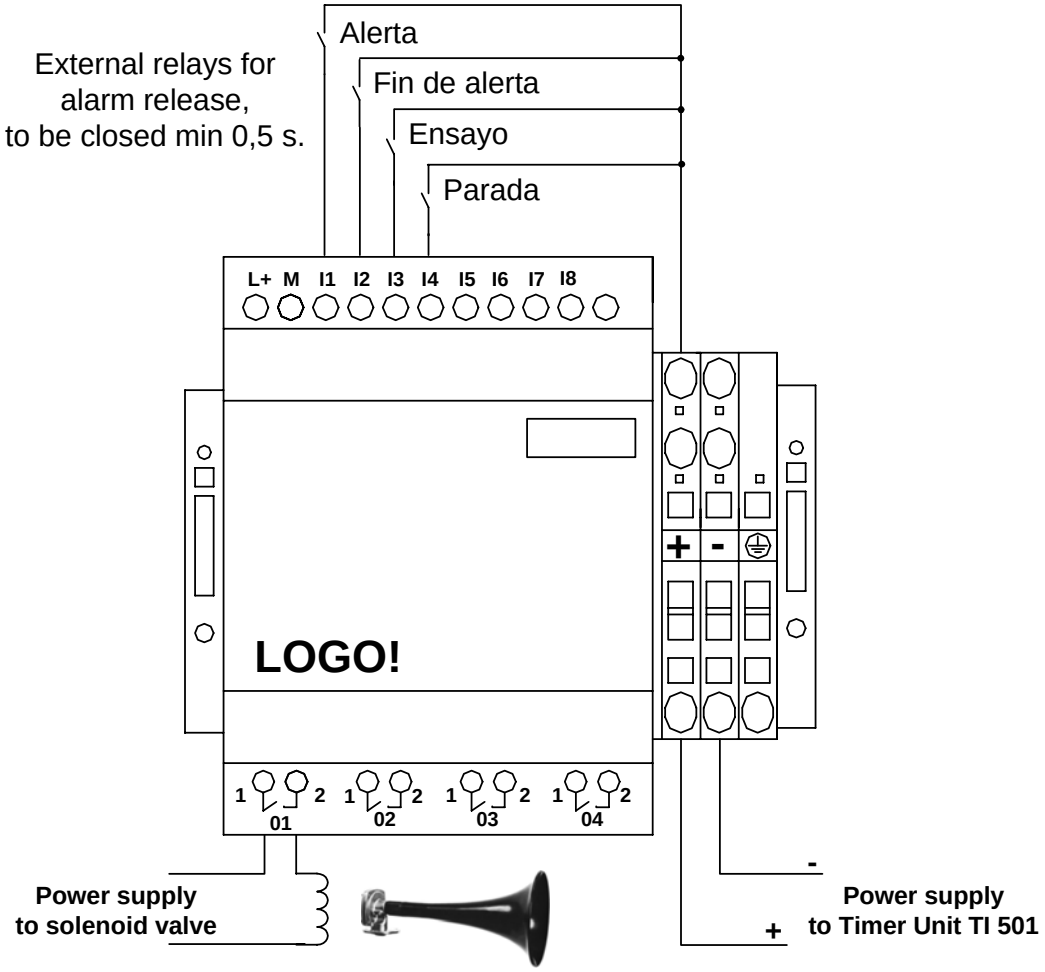
Precautions
This unit is designed for 24 V DC operation only.

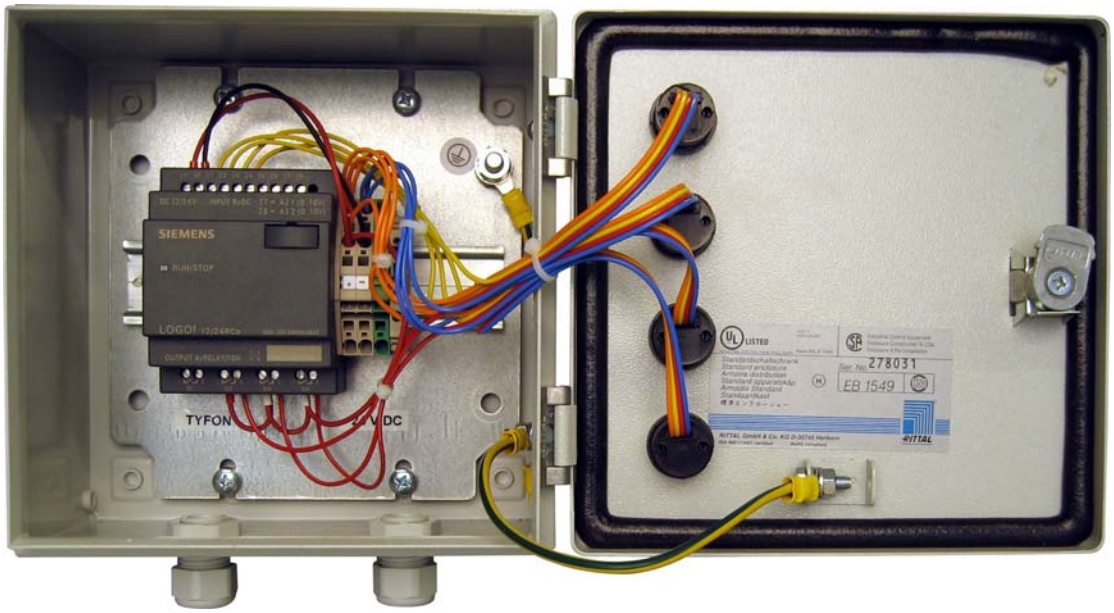
Caution
Before making any connections disconnect the power supply.

Connections
Power supply has to be connected.

By remote operation a closing potential free contact
has to be connected between + and:
I1=Alerta
I2=Fin de alerta
I3=Ensayo
I4=Parada, for release of an alarm

The unit has one potential free open output contact, 01, which make according to the selected alarm signal.

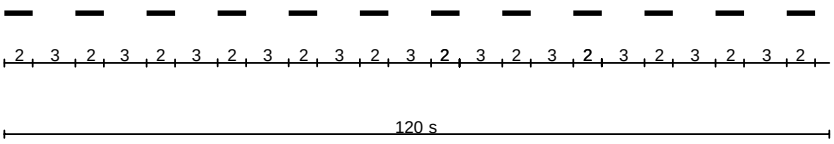




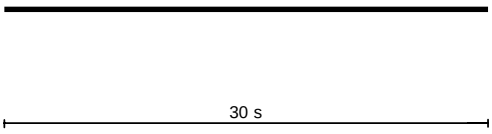
Specification

The unit is programmed with the following alarm characters:

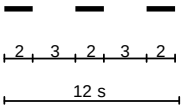
Alerta



Fin de alerta



Ensayo



	Property	Unit
Power supply	24	V DC
Power consumption	10	W
Inputs	8	Opto
Outputs	4	Relays
Continuous max current	4	A
Max voltage	240	V
Rated connection	2,5	mm^2
Protection class	IP 54	
Operating temp range	0…+55	°C
Storage temp range	-40…+70	°C
Dimensions W x H x D	200 x 200 x 120	mm
Weight	3,0	kg
Enclosure colour	light grey	RAL 7035

Operation

By pressing one of the alarm buttons on the front panel the different alarms can be released.
The activation is delayed with 0,5 seconds to avoid false chose.
The released alarm is indicated by a LED in the respective button. By the stop push button the released alarm can be interrupted.

Push button 1=Alerta
Push button 2=Fin de alerta
Push button 3=Ensayo
Push button 4=Parada

Installation

The cabinet has to be fix at a wall with four screws.

Troubleshooting guide

The following checklist will assist in the correction of most problems, which you may encounter with your unit. Before going through the checklist below, refer to the connection and operating procedures.

Problem	**Cause/ solution**
No illumination in the push button.	The fuse is blown. →Replace the fuse with a new one.
No Alarm Sequence from the unit.	No power supply. →Check the voltage with a multimeter.
No sound from the sound emitter	The magnetic valve is not activated. →Check the voltage at the valve with a multimeter.
Sound not interrupted.	Dirt in the magnetic valve →Clean the valve inside.

Disposal

The unit shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.